

-21-

METHOD AND DISC DRIVE FOR WRITING SERVO WEDGES**Abstract of the Disclosure**

5 A method and disc drive are disclosed that write servo wedges to a plurality of tracks of a disc. A head having a read element offset from a write element reads a first servo wedge on a first track as a propagation guide and writes a second and third servo wedge to be used as a subsequent propagation guide on a second track, all during one instance of a sector position of the disc rotating by the head. Additionally, a fourth servo wedge that is radially continuous from the outer to inner diameter is also written for each sector of the track during the revolution and is
10 used for track-following during normal operation. In this manner, all radially continuous servo wedges for each sector of a given track can be written during one revolution of the disc, thereby reducing the amount of time necessary for servowriting.

15

09896792-062801